BRUHATH BANGALORE MAHANAGARA PALIKE

WORK SLIP STATEMENT

Work order no : EE/DD/W.O/49/2021-22 Dated: 08.0

Name of Contractor : M/S Sri Sai Charan Constructions, Bangalore
Tender Premium : (-) 12.79% below

Name of Work : Comprehensive development of bad roads and improvements to road side drain, footpaths, Asphalting and concreting including culvert selected main and other connecting roads of package No.1 in ward No.14, Bagalagunte of Dasarahalli Division in Dasrahalli zone Comprising of 8 works as indicated in Sl No. 122, 123, 124, 125, 126, 127, 128 & 129

BOQ item no	Item of Work	Unit	As per Sanction Estimate			As per Tender			Quantity with in or Upto 100 % of the tender qty.			Quantity above 100 % and Upto 125% of the tender qty.			above 125% Tender Quantity			Total as per Execution		Workslip/EBL		Difference Against Sanctioned Est		Remarks
			Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount	Qty	Amount	Qty	Amount	Excess	p	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
1	Removing & Refixing stone slabs of drains and pointing in C.M (1:3)	Sqm	11448.60	111.30	1274229.00	11448.60	79.00	904439.00	11448.60	79.00	904439.40	947.940	79.00	74887.260	0.000	0.000	0.000	12396.54	979326.66	947.95	74887.26	74887.260	0.00	
2	Removing and resetting of kerb stones	mtr	532.00	104.94	55828.00	532.00	79.00	42028.00	0.00	79.00	0.00	0.000	79.00	0.000	0.000	0.000	0.000	0.00	0.00	0.00	0.00	0.000	42028.00	
3	KSRRB 301.1 Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed the disposed earth to be levelled neatly after breaking of clods complete as per specifications	Cum	6575.97	241.64	1589017.00	6575.97	133.00	874604.00	6575.97	133.00	874604.01	389.482	133.00	51801.168	0.000	0.00	0.00	6965.45	926405.18	389.48	51801.17	51801.170	0.00	
4	KSRB 4.1.2 Providing and laying in position plain cement concrete of Mix 1:4:8 with OPC @ 220kgs. with 40mm down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM, curing complete as per specifications	Cum	1377.78	5505.64	7585561.00	1377.78	3670.00	5056453.00	434.37	3670.00	1594137.90	0.000	3670.00	0.000	0.000	0.000	0.000	434.37	1594137.90	0.00	0.00	0.00	3462315.10	
5	KSRRB M2200-6 Providing TMT Bars Fe 500 steel reinforcement for R.C.C. work including straightening, cutting, bending, hooking, placing in position, lapping and/or welding wherever required and tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specification MORTH Specification No:1600 & 2200	Tonne	100.17	65046.90	6515748.00	100.17	59200.00	5930064.00	67.19	59200.00	3977648.00	0.000	59200.00	0.000	0.000	0.000	0.00	67.19	3977648.00	0.00	0.00	0	1952416.00	
6	Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC @ 300 kgs. with 20mm and down size granite metal coarse aggregates at 0.89 cum and fine aggregates at 0.43 cum machine mixed, well compacted for walls and bottom including centering, shuttering cost of materials, HOM of machinery, curing etc complete) excluding cost of steel as per MoRTH spec No 3500,700,2200 including cost of materials, labour, HOM complete as per spec	Cum	1578.87	7070.20	11162927.00	1578.87	6550.00	10341599.00	1047.12	6550.00	6858656.31	0.000	6550.00	0.000	0.000	0.000	0.000	1047.12	6858656.31	0.00	0.00	0.000	3482942.70	
7	Providing granite slabs of selected quality roughly dressed and fixed in cement mortar (1:6) including laying, footpath, complete 7.5cm Thick.	Sqm	582.00	742.00	4320666.00	582.00	610.00	3552030.00	5265.72	610.00	3212089.20	0.000	610.00	0.000	0.000	0.000	0.000	5265.72	3212089.20	0.00	0.00	0.000	439940.80	

Item of Work	Unit	As per Sanction Estimate			As per Tender			Quantity with in or Upto 100 % of the tender qty.			Quantity above 100 % and Upto 125% of the tender qty.			above 125% Tender Quantity			Total as per Execution		Workslip/EMRL		Difference Against Sanctioned Est		Remarks
		Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount	Qty	Amount	Qty	Amount	Excess	p	
		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
	2																						
1	Providing granite slabs of selected quality roughly dressed and fixed in cement mortar (1:6) including fixing cutting etc. complete 10cm Thick	Sqm	52.00	966.72	50264.00	52.00	790.00	41080.00	0.00	790.00	0.00	0.000	790.00	0.000	0.000	0.000	0.00	0.00	0.00	0.00	0.000	41080.00	
2	Providing and laying 100mm thick pre cast cover slabs over drains of width not exceeding 800 mm using M20 concrete reinforced with steel @ 9.0Kg/Sqm. slabs jointed in CM 1:3 proportion and level finished including providing holes in the cover slabs wherever necessary for easy arrangeof surface water including of labour, materials, HOM, curing, lead and lift charges etc. complete as per MoRTH specifications No 1500/1700	Sqm	3805.80	1145.86	4360914.00	3805.80	1330.00	5061714.00	2721.48	1330.00	3619568.40	0.000	1330.00	0.000	0.000	0.000	0.000	2721.48	3619568.40	0.00	0.00	0.000	1442145.60	
3	Providing and laying Pre Cast Drain Cover slabs of 250mm thick of mix M20 using graded granite jelly 20mm down size with steel reinforcement including from work, lift charges, curing and concrete finished surfaces on both side etc complete and as per drawing and direction of Engineer-in-charge of work. (data Kite enclosed)	Sqm	523.53	3306.00	1730790.00	523.53	3400.00	1780002.00	274.77	3400.00	934218.00	0.000	3400.00	0.000	0.000	0.000	0.000	274.77	934218.00	0.00	0.00	0.000	845784.00	
4	Providing and fixing Pre cast solid concrete kerb stones of size 450 x 200 x 400 mm made out of CC 1:2:4 and finished with CM 1:3 plastering and finishing cutting etc. complete	Nos	11304.46	477.00	5392227.00	11304.46	250.00	2826115.00	2945.56	250.00	736388.89	0.000	250.00	0.000	0.000	0.000	0.000	2946	736388.89	0.00	0.00	0.000	2089726.11	
5	KNRB 800.2: Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces with materials, labour complete as per spec MoRTH Chap 8	sqm	2335.50	84.80	198050.00	2335.50	79.00	184505.00	596.48	79.00	47121.53	0.000	79.00	0.000	0.000	0.000	0.00	596.48	47121.53	0.00	0.00	0.000	137383.48	
6	KNRB 300.50: Scarifying bituminous course 50mm to 75mm thick along with premix carpet / surface dressing by mechanical means attached with scarifier without disturbing the base and stacking the debris including cost of all labour charges, HOM complete as per specifications MORTH Chapter 3.	Sqm	49006.80	41.34	2025941.00	49006.80	34.00	1666231.00	49006.80	34.00	1666231.20	1225.170	34.00	41655.780	7730.076	36.053	278689.45	68988.58	2361478.45	19981.78	695247.25	695247.446	0.00	
7	Leading charges for Scarified quantity complete as per the directions of Engineer-In-Charge	Cum	3920.54	43.42	170230.00	3920.54	70.00	274438.00	3920.54	70.00	274447.80	980.135	70.00	68609.450	618.411	37.864	23415.82	5519.09	366363.07	1598.55	92025.27	92025.070	0.00	
8	KNRB M200.14: Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and side slopes in accordance with the requirements of lines, grades and cross sections and transportation with a lead of 25.00 km and complete as per specifications	Cum	28068.50	86.88	2438591.00	28068.50	61.00	1712179.00	28068.50	61.00	1712179.50	7017.125	61.00	428043.625	1277.513	37.90	48419.60	36363.13	2188612.73	829.61	47646.423	47646.728	0.00	
9	KNRB 2.6: Providing and filling Stone Dust in trenches to required depth for soil soil treatment including watering, ramming with all lead and lift complete as per specifications.	Sqm	3447.06	1361.79	5039326.00	3447.06	970.00	3343939.00	3349.02	970.00	3248554.21	0.000	970.00	0.000	0.000	0.00	0.00	3349.02	3248554.21	0.00	0.00	0.000	95384.79	
10	KNRB M40.5a: Construction of embankment with approved material from road Cutting with all lifts and leads transporting to site spreading, grading, &c. Required. Scope: - Including to hand trimming to fill 2:1 complete as per specification clause 7.3.1.1 of MORTH specification.	Cum	985.46	1289496.00	1270775.00	205.00	6052.50	2107.59	205.00	0.00	0.000	205.00	0.000	0.000	0.000	0.000	0.000	2107.59	1320556.20	0.00	0.00	0.000	254397.85	

Item of Work	Unit	As per Sanction Estimate			As per Tender			Quantity with in or Upto 100 % of the tender qty			Quantity above 100 % and upto 125% of the tender qty			above 125% Tender Quantity			Total as per Execution		Workslip/Part		Difference Against Sanctioned Est		Remarks
		Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount	Qty	Amount	Qty	Amount	Excess	Saving	
		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Constructing 150 reinforced cement concrete cube tests as appearing using cement, sand, metal, water and reinforcement as per the approved design and direction of the engineer in charge. The rate shall be inclusive of all lifts and leads, all labour charges for mixing, placing, compacting, curing, finishing, testing and all other charges incidental to the above item complete as per the specifications, drawings and direction of the engineer in charge. Note: 1. Measurement of concrete shall be taken in cubic meter correct to two decimal places. 2. Cement shall be measured by weight. 3. Fine aggregate shall be measured by weight or by volume. 4. Coarse aggregate shall be measured by weight or by volume. 5. Water shall be measured by volume. 6. Reinforcement shall be measured by weight. 7. Mixing, placing and compaction of concrete shall be done by machine. 8. Curing shall be done by ponding with clean water. 9. Concrete shall be tested as per the approved mix design. 10. The rate shall be inclusive of all lifts and leads, all labour charges for mixing, placing, compacting, curing, finishing, testing and all other charges incidental to the above item complete as per the specifications, drawings and direction of the engineer in charge.	Cum	476.58	5210.00	2483868.00	476.58	5200.00	2478712.00	0.00	5200.00	0.00	0.000	5200.00	0.000	0.000	0.000	0.000	0.00	0.00	0.00	0.00	0.000	476.58	2478712.00	
Construction of granular sub base including L as sub base and drainage layer by providing coarse graded crushed stone aggregates of granite trap/basalt material mixing by mix in place method by rotavator at site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density complete as per specifications.	Cum	6882.20	1855.00	12766481.00	6882.20	1600.00	11011520.00	6882.20	1600.00	11011520.00	1720.550	1600.00	2752880.000	1745.536	1617.746	2823833.656	10348.29	16650882.366	3466.09	5576713.66	5576713.656	0.000		
KSRBR M400-17 Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant, carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications MORTH Specification No 406	Cum	12626.42	2001.28	25269002.00	12626.42	1600.00	20202272.00	12626.42	1600.00	20202272.00	3156.605	1600.00	5050568.000	1363.715	1745.316	2380114.281	17146.74	27623295.28	4520.32	7420682.28	7420682.281	0.000		
KSRBR 503-2 Cleaning the existing black topped surface with Sqm brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatment including cost of all materials, labour, HOM complete as per specifications Clause 501 of MORTH V revision	Cum	11365.00	5.30	60235.00	11365.00	4.30	48870.00	0.00	4.30	0.00	0.00	4.30	0.000	0.000	0.000	0.000	0.00	0.00	0.00	0.00	0.000	11365.00	48870.00	
KSRBR M500-6 Providing and applying primer coat with SS bitumen emulsion on prepared surface of granular base such as WBM including cleaning of road surface and spraying primer at the rate of 10 kg / sqm using mechanical means complete as per specifications Clause 502 of MORTH V revision	Sqm	57240.35	29.68	1698894.00	57240.35	25.00	1431008.00	57240.35	25.00	1431008.75	5565.589	25.00	139139.730	0.000	0.000	0.000	62805.94	1570148.48	5565.59	139139.73	139139.480	0.00		
KSRBR M500-17 Providing and laying dense graded bituminous macadam using crushed aggregates of specified quality, premixed with VG-30 grade bitumen, transported to the work site, laying to the required grade, level and alignment in one uniform layer with mechanical sprayer, finishing the surface by using smooth wheel rollers complete as per specifications.	Cum	6415.72	4415.72	28415822.00	2863.00	7000.00	20041000.00	2863.00	7000.00	20041000.00	2654.720	7000.00	18583430.420	0.000	0.000	0.000	5517.72	38624430.42	5517.72	38624430.42	38624430.420	0.00		

Item of Work	Unit	As per Sanction Estimate			As per Tender			Quantity with in or Upto 100 % of the tender qty.			Quantity above 100 % and Upto 125% of the tender qty.			above 125% Tender Quantity			Total as per Execution		Workslip/Extra		Difference Against Sanctioned Est		Remarks
		Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount	Qty	Amount	Qty	Amount	Excess	Saving	
2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
KSRBB M500-10 Providing and applying tack coat using 80/100 grade Sqm bitumen(VG30) in boiler fitted with sprayer set distributor at the rate of 0.25 kg per sqm on the existing prepared bituminous surface (primed surface) cleaned with mechanical broom, complete as per specifications Clause 503 of MORTH V revision	Sqm	57261.80	12.72	728370.00	57261.80	16.00	916189.00	57261.80	16.00	916188.80	5544.139	16.00	88706.227	0.000	0.000	0.000	62805.94	1005295.03	5544.13	88706.23	88706.027	0.00		
Providing and laying bituminous concrete 40mm thick with hot mix plant, using 40-60 TPH capacity HMP with mechanical paver grading II (30-45mm) with 5.4 % of modified bituminous binder consisting of 4.97% of VG-30 bitumen (60-70 grade) and 0.43% of elastomers / thermoplastics (waste plastic) crushed aggregates of specified grading premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve requisite compaction, all complete as per specifications.	Cum	1717.43	7537.66	12945403.00	1717.43	7270.00	12485716.00	1717.43	7270.00	12485716.10	166.748	7270.00	1212259.240	0.000	0.000	0.000	1884.18	13697975.34	166.75	1212279.25	1212279.340	0.00		
KSRRB M800-13 Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface/ Concrete Surface Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm as exclusive of surface applied glass beads as per IRC:35 standards specified. The finished surface to be level, uniform and free from streaks and holes complete as per specifications MORTH Specification No 803	Sqm	2417.80	454.74	1099470.00	2417.80	457.00	1104935.00	1891.86	457.00	864580.29	0.000	457.00	0.000	0.000	0.000	0.000	1891.86	864580.29	0.00	0.00	0.000	240354.71		

Item no	Item of Work	Unit	As per Sanction Estimate			As per Tender			Quantity with in or Upto 100 % of the tender qty.			Quantity above 100 % and Upto 125% of the tender qty.			above 125% Tender Quantity			Total as per Execution		Workslip/EBL		Difference Against Sanctioned Est		Remarks
			Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount	Qty	Amount	Qty	Amount	Excess	P	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
1	1000 RCC pipes NP3 900 mm dia including collars Complete and as per the directions of Engineer in Charge	mtr	175.00	4383.71	767153.00	175.00	1400.00	595000.00	0.00	1400.00	0.00	0.000	1400.00	0.000	0.000	0.000	0.000	0.00	0.00	0.00	0.00	0.00	595000.00	
2	10% 40 mm nominal size coarse aggregate Complete and as per the directions of Engineer in Charge	Cum	70.00	1156.92	80984.00	70.00	970.00	67900.00	0.00	970.00	0.00	0.000	970.00	0.000	0.000	0.000	0.000	0.00	0.00	0.00	0.00	0.000	67900.00	
3	0.02 Naturo sand 1.0 to 2.5 micron Complete and as per the directions of Engineer in Charge	Cum	70.00	1781.81	124727.00	70.00	970.00	67900.00	0.00	970.00	0.00	0.000	970.00	0.000	0.000	0.000	0.000	0.00	0.00	0.00	0.00	0.000	67900.00	
					131584233.80			114743337.00			97045245.44			12142763.82			5554472.81		114742482.07		17697236.63	17697237.00	17698091.12	

Sanctioned Estimate Amount	150000000.00
Amount Put to Tender	131584233.80
Amount Entrested to Contractor	114743337.00
Total Amount Actually Executed and to be Executed	114742482.07
Excess over the Amount Entrested to Contractor	Nil
Saving Amount over the Contract Amount	854.93
Amount above 100 % and Upto 125% of the tender qty	12142763.82
Amount above 125% of the tendered qty	5554472.81
Total Work Slip Amount	17697236.63

Percentage of Work Slip over Amount put to Tender: 17697236.63 / 131584233.80 = 13.45%

Contractor

Assistant Engineer
Dasarahalli Division
BBMP, Bangalore

Assistant Executive Engineer
T.Dasarahalli Division
BBMP, Bangalore

Executive Engineer
Dasarahalli Division
BBMP, Bangalore

SRI SAI CONSULTANTS